

LENOX

LENOX FILES

**AMERICAN PATTERN
AND CURVED TOOTH**

AMERICAN SAW & MFG. COMPANY

LENOX FILES

SPRINGFIELD 1, MASSACHUSETTS, U.S.A.

LENOX
FILES

INDEX

SAW & MILL FILES	1-4
MACHINIST'S FILES	4-6
SPECIAL PURPOSE FILES	7-8
ALL PURPOSE & SPECIAL FILES	8-9
RASPS	10-11
CURVED TOOTH FILES	11-12
HANDLES CARDS & BRUSHES	13

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SPRINGFIELD 1, MASSACHUSETTS U.S.A.

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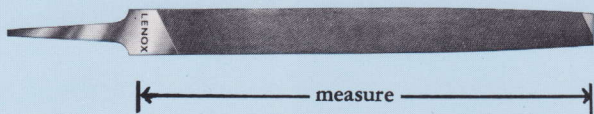
LENOX FILES

THE COMPLETE QUALITY LINE

LENOX files are available in the complete American Pattern and Curved Tooth line. These files have been widely accepted by industry — an acceptance based on the same high level of quality that has distinguished LENOX tools for over forty years. LENOX files offer outstanding uniformity, sharpness, and always dependable performance.

HOW TO ORDER FILES

When ordering LENOX GRADE A files, consider these three factors — 1. LENGTH 2. SHAPE 3. TOOTH COARSENESS



1 LENGTH

Files are always measured from the heel to the point (excluding tang.) As the length of the file increases, all dimensions and coarseness are increased relatively. Specific lengths, shapes and cuts are available for every file application.

2 FILE SHAPES



Indicate the shape of the file you want on your order.

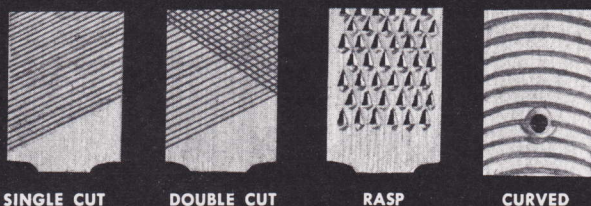
3 COARSENESS IDENTIFICATION



GREEN — bastard (coarse)
YELLOW — second cut (medium)
RED — smooth (fine)

The "Tools in the Plaid Box" have long been a symbol of easily recognized quality tools. LENOX identification packaging and labeling of American Pattern files enables you to check your stock by color code and helps you to eliminate stocking errors. Simply check the color dot on the end label for coarseness identification. The color code and clear type description readily indicate the correct file.

(a) TOOTH STRUCTURE



(b) COARSENESS

File coarseness is determined by several related patterns: The number of teeth or spacing to the inch; Single or Double rows of teeth; and the size of the file. Single Cut files have one row of teeth. Double Cut files have two rows of teeth crossing each other. Both Single and Double Cut files come in the three degrees of coarseness: Bastard, Second Cut and Smooth.

INDEX

SAW & MILL FILES	1-14
MACHINIST'S FILES	4-6
SPECIAL PURPOSE FILES	7-8
ALL PURPOSE & SPECIAL FILES	8-9
RASPS	10-11
CURVED TOOTH FILES	11-12
HANDLES, CARDS & BRUSHES	13

LENOX
THE TOOLS IN THE PLAID BOX

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AMERICAN SAW & MFG. COMPANY
SPRINGFIELD, MASSACHUSETTS

SAW & MILL FILES

BANDSAW BLUNT FILES



Length Inches	Approx. Width Inches	Number in Box
6	$1\frac{1}{32}$	1 doz.
8	$1\frac{1}{32}$	1 doz.

For sharpening Bandsaws with well rounded gullets between saw teeth. Blunt in section. Single cut. Rounded edges are cut with three rows of teeth to preserve the shape of gullets.

BANDSAW BLUNT SLIM FILES



Length Inches	Approx. Width Inches	Number in Box
6	$\frac{3}{16}$	1 doz.
8	$1\frac{1}{32}$	1 doz.

BANDSAW TAPER FILES

With Narrow Edges



Length Inches	No.	Approx. Width Inches	Number in Box
6	Bandsaw Taper No. 6	$1\frac{1}{32}$	1 doz.
6	Bandsaw Taper Slim No. 6S	$\frac{3}{16}$	1 doz.
7	Bandsaw Taper No. 7	$1\frac{1}{32}$	1 doz.
7	Bandsaw Taper Slim No. 7S	$\frac{3}{16}$	1 doz.

Be sure to specify length and number when ordering Bandsaw Taper Files.

CANTSAW FILES



Length Inches	Approx. Width Inches	Number in Box
6	$1\frac{7}{32} \times 1\frac{1}{4}$	1 doz.
7	$\frac{3}{16} \times \frac{1}{4}$	1 doz.
8	$1\frac{1}{16} \times \frac{9}{32}$	1 doz.
10	$1\frac{3}{16} \times 1\frac{1}{32}$	1 doz.

For sharpening Crosscut Saws with "M" teeth, for circular saws and for saw teeth with less than 60° angle. Same number of teeth per inch as Mill Bastard files of equivalent length. Single cut. Edges set and cut. Regularly supplied with cut backs. Available with safe or uncut backs. "Cut backs" furnished unless "safe backs" definitely specified on order.

CHAIN SAW FILES — ROUND SMOOTH



Length Inches	Diam. Inches	Number in Box
8	$\frac{3}{16}$	1 doz.
8	$\frac{7}{32}$	1 doz.
8	$\frac{1}{4}$	1 doz.
8	$\frac{5}{16}$	1 doz.
8	$\frac{3}{8}$	1 doz.
8	$\frac{9}{32}$	1 doz.

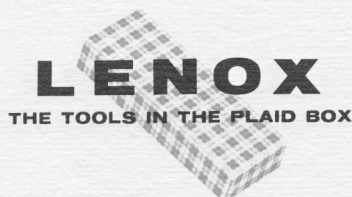
Chain Saw Files — Round Smooth for sharpening round hooded type teeth.

CROSSCUT FILES — GREAT AMERICAN



Length Inches	Approx. Size Inches	Number in Box
6	$\frac{9}{16} \times \frac{7}{32}$	1 doz.
8	$1\frac{1}{16} \times \frac{9}{32}$	1 doz.
10	$1\frac{3}{16} \times 2\frac{3}{64}$	1 doz.

Used for sharpening a variety of Crosscut saws. Rounded backs used to deepen rounded gullets of saw teeth. Back and thin edge also cut. Single cut.



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LENOX AMERICAN PATTERN FILES

CROSSCUT FILES — SPECIAL



Length Inches	Approx. Size Inches	Number in Box
6	$1\frac{1}{32} \times \frac{7}{64}$	1 doz.
7	$1\frac{1}{16} \times \frac{1}{8}$	1 doz.
8	$2\frac{5}{32} \times \frac{9}{64}$	1 doz.
10	$3\frac{1}{32} \times 1\frac{1}{64}$	1 doz.

Smooth cutting for sharpening Crosscut Saws. Cut with light pressure. Single cut on sides and edges.

DOUBLE ENDER FILES



Length Inches	Approx. Width Inches	Number in Box
6	$1\frac{3}{4}$	1 doz.
7	$\frac{7}{32}$	1 doz.
8	$\frac{9}{32}$	1 doz.
9	$1\frac{1}{32}$	1 doz.
10	$\frac{3}{8}$	1 doz.

Single cut on sides and edges from points to center giving filer full use of file. Six handles supplied with each dozen Double Ender Files.

MILL FILES

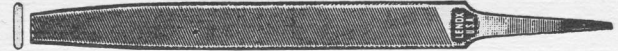
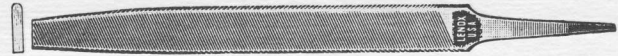


Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
4	$\frac{7}{16} \times \frac{5}{64}$	*	*	*	1 doz.
6	$1\frac{1}{32} \times \frac{7}{64}$	*	*	*	1 doz.
7	$1\frac{1}{16} \times \frac{1}{8}$	*	—	—	1 doz.
8	$2\frac{5}{32} \times \frac{9}{64}$	*	*	*	1 doz.
10	$3\frac{1}{32} \times 1\frac{1}{64}$	*	*	*	1 doz.
12	$1\frac{5}{32} \times \frac{7}{32}$	*	*	*	$\frac{1}{2}$ doz.
14	$1\frac{5}{16} \times \frac{1}{4}$	*	*	*	$\frac{1}{2}$ doz.
16	$1\frac{1}{2} \times \frac{9}{32}$	*	—	—	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

For sharpening Mill or Circular Saws. Also for draw-filing, and finishing metals. All sizes tapered slightly in width, 12", 14" and 16" tapered slightly in thickness for about one-third of length. Two square edges. Single cut on sides and edges.

MILL FILES — 1 and 2 Round Edges



ONE ROUND EDGE

Length Inches	Approx. Size Inches	Bastard Cut	Number in Box
6	$1\frac{1}{32} \times \frac{7}{64}$	*†	1 doz.
8	$2\frac{5}{32} \times \frac{9}{64}$	*†	1 doz.
10	$3\frac{1}{32} \times 1\frac{1}{64}$	*†	1 doz.
12	$1\frac{5}{32} \times \frac{7}{32}$	*	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

†2 Round Edges.

Same as regular Mill Files except that they have one or two round edges. Bastard Cut. Single cut on sides and edges. Round edges are used where rounded gullets are preferred, as compared to sharp corners or squared gullets.

MILL FILES — Western Cut

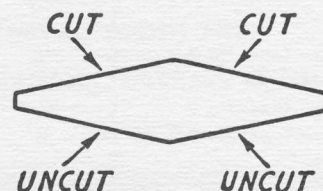
Mill Western Cut files are available in Grade A brands for those who desire fast cutting Mill Files. They are slightly coarser than Mill Bastard.

PRUNING SAW FILES



Length Inches	Approx. Size Inches	Number in Box
6	$2\frac{9}{32} \times 1\frac{1}{64}$	1 doz

Designed for use on Needle Point Pruning Saws. Made on 6" long diamond-shaped blanks. Single cut on two faces of one side and on both edges. Other side uncut.



Pruning Saw File Cross Section.

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SECTOR FILES



Length Inches	Approx. Size Inches	Number in Box
6	$\frac{5}{16} \times \frac{11}{64} \times \frac{1}{32}$	1 doz.

Made for sharpening Bushman Type Saws. Round back of file is suitable for deepening the rounded gullets between the series of the cutting teeth, while the sides of the file are used for filing the teeth themselves. The narrow edge can be used for deepening the sharp gullets between the cutting teeth. Single cut.

TAPER FILES

Number of Points	Files Recommended
5.....	7" Taper Regular
5½.....	7" Taper Regular
6.....	7" or 8" Slim
7.....	6" or 7" Slim
8.....	6" Slim
	7" Extra Slim
	8" Double Extra Slim
9.....	6" Extra Slim
	7" Double Extra Slim
10.....	5" or 6" Extra Slim
11.....	5" Extra Slim
	6" Double Extra Slim
12.....	5" Extra Slim
13, 14.....	5" Double Extra Slim
15, 16.....	4" Double Extra Slim

Triangular Saw Files are made for filing all types of Saw Files with 60° angle teeth. Single cut. Edges and set cut for filing gullets between saw teeth.

In filing handsaws, it is important to select the right file. In general, the table above lists the suggested size and type of file that will give the best results.

TAPER FILES — REGULAR



Length Inches	Approx. Width Inches	Number in Box
6	$\frac{1}{32}$	1 doz.
7	$\frac{1}{32}$	1 doz.
8	$\frac{1}{32}$	1 doz.
10	$\frac{2}{32}$	1 doz.

TAPER FILES — SLIM



Length Inches	Approx. Width Inches	Number in Box
4	$\frac{7}{32}$	1 doz.
5	$\frac{1}{4}$ *	1 doz.
6	$\frac{11}{32}$ *	1 doz.
7	$\frac{13}{32}$ *	1 doz.
8	$\frac{15}{32}$ *	1 doz.
10	$\frac{5}{8}$	1 doz.

*Available with Sharp Edges.

TAPER FILES — EXTRA SLIM



Length Inches	Approx. Width Inches	Number in Box
4	$\frac{3}{16}$	1 doz.
5	$\frac{15}{64}$ *	1 doz.
5½	$\frac{1}{4}$	1 doz.
6	$\frac{9}{32}$ *	1 doz.
7	$\frac{5}{16}$ *	1 doz.
8	$\frac{13}{32}$ *	1 doz.

*Available with Sharp Edges.

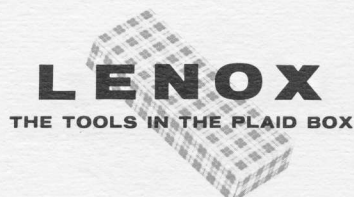
TAPER FILES — DOUBLE EXTRA SLIM



Length Inches	Approx. Width Inches	Number in Box
4	$\frac{5}{32}$	1 doz.
5	$\frac{3}{16}$	1 doz.
6	$\frac{7}{32}$ *	1 doz.
7	$\frac{1}{4}$ *	1 doz.
8	$\frac{5}{16}$ *	1 doz.
†8 x $\frac{3}{16}$	$\frac{3}{16}$	1 doz.
†8 x $\frac{1}{4}$	$\frac{1}{4}$	1 doz.

*Available with Sharp Edges.

†These two items must be ordered as "8 x $\frac{3}{16}$ double extra slim" or "8 x $\frac{1}{4}$ double extra slim;" otherwise the regular 8" double extra slim which is $\frac{3}{16}$ " will be furnished.



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LENOX AMERICAN PATTERN FILES

TAPER FILES — DOUBLE CUT SAW FILES



TAPER DOUBLE CUT

Length Inches	Approx. Width Inches	Number in Box
6	$1\frac{1}{32}$	1 doz.
7	$1\frac{1}{16}$	1 doz.

TAPER SLIM DOUBLE CUT

6	$1\frac{1}{32}$ *	1 doz.
7	$1\frac{1}{16}$	1 doz.
8	$1\frac{1}{8}$	1 doz.

TAPER EXTRA SLIM DOUBLE CUT

6	$\frac{9}{32}$ *	1 doz.
7	$\frac{5}{16}$ *	1 doz.
8	$1\frac{1}{32}$	1 doz.

TAPER DOUBLE EXTRA SLIM DOUBLE CUT

Length Inches	Approx. Width Inches	Number in Box
6	$\frac{7}{32}$	1 doz.
7	$\frac{1}{4}$ *	1 doz.
8	$\frac{5}{16}$	1 doz.

*Available with Sharp Edges.

TAPER FILES — DOUBLE CUT SAW FILES

Designed and recommended primarily for use in Saw Filing machines.

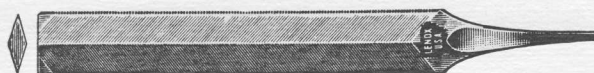
TAPER FILES — IMPROVED



Length Inches	Approx. Width Inches	Number in Box
6 x $\frac{5}{8}$	$\frac{5}{8}$	1 doz.
6 x $\frac{3}{4}$	$\frac{3}{4}$	1 doz.

Improved Taper Files are parallel in shape and have a specially shaped point to facilitate holding the file in the machine. Single cut on sides and edges. Regularly available in two sizes only.

WEB SAW FILES



Length Inches	Approx. Size Inches	Number in Box
5	$2\frac{1}{32} \times 1\frac{1}{4}$	1 doz.
$5\frac{1}{2}$	$2\frac{1}{16} \times \frac{1}{4}$	1 doz.
6	$2\frac{1}{32} \times 1\frac{1}{4}$	1 doz.

Web Saw Files are for filing pulpwood or Web Saws. Because of their shape, they are specially suited for filing saws having cutting teeth of less than 60° angle or wherever it is desired to file each bevel of the tooth separately.

MACHINIST'S FILES

DIE CAST FILES — MILL BASTARD



Length Inches	Approx. Size Inches	Bastard Cut	Number in Box
6	$1\frac{1}{32} \times \frac{7}{16}$	*	1 doz.
8	$2\frac{1}{32} \times \frac{9}{16}$	*	1 doz.
10	$3\frac{1}{32} \times 1\frac{1}{16}$	*	1 doz.
12	$1\frac{1}{16} \times \frac{7}{32}$	*	$\frac{1}{2}$ doz.
14	$1\frac{1}{16} \times \frac{1}{4}$	*	$\frac{1}{2}$ doz.

DIE CAST FILES — HALF ROUND SMOOTH



Length Inches	Approx. Size Inches	Smooth Cut	Number in Box
6	$1\frac{1}{32} \times \frac{5}{32}$	*	1 doz.
8	$\frac{3}{4} \times \frac{7}{32}$	*	1 doz.
10	$1\frac{1}{16} \times \frac{9}{32}$	*	$\frac{1}{2}$ doz.
12	$1\frac{1}{8} \times 1\frac{1}{32}$	*	$\frac{1}{2}$ doz.
14	$1\frac{1}{32} \times 1\frac{1}{32}$	*	$\frac{1}{2}$ doz.

For finishing die castings. Made with strong teeth on sides, edges and corners. Designed to eliminate clogging.

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FLAT FILES



Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
4	1 1/32 x 3/32	*	*	*	1 doz.
6	5/8 x 5/32	*	*	*	1 doz.
8	2 1/32 x 7/32	*	*	*	1 doz.
10	3 1/32 x 1/4	*	*	*	1/2 doz.
12	1 5/32 x 9/32	*	*	*	1/2 doz.
14	1 11/32 x 3/16	*	*	*	1/2 doz.
16	1 17/32 x 1 1/32	*	*	*	1/2 doz.
18	1 11/16 x 3/8	*	—	—	1/2 doz.

FLAT FILES

Used for rapid removal of metal. Rectangular in cross section and taper slightly in width and thickness toward point. Double cut on both sides, single cut on both edges.

HALF ROUND FILES



Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
4	7/16 x 1/8	*	*	*	1 doz.
6	1 1/32 x 5/32	*	*	*	1 doz.
8	3/4 x 7/32	*	*	*	1 doz.
10	1 1/16 x 9/32	*	*	*	1/2 doz.
12	1 1/8 x 1 1/32	*	*	*	1/2 doz.
14	1 9/32 x 13/32	*	*	*	1/2 doz.
16	1 15/32 x 1 1/32	*	—	*	1/2 doz.

*Indicates Cuts Available.

HALF ROUND FILES

Rounded on one side. Flat on other. Used on concave and convex as well as flat surfaces. Backs of all Half Round Bastard Files are double cut. The backs of all Half Round Second Cut Files longer than 6 inches are double cut, the 4 and 6 inch files are single cut. The flat sides of all Half Round Files are double cut.

HAND FILES



Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
6	5/8 x 5/32	*	*	*	1 doz.
8	2 1/32 x 7/32	*	*	*	1 doz.
10	3 1/32 x 1/4	*	*	*	1/2 doz.
12	1 5/32 x 9/32	*	*	*	1/2 doz.
14	1 11/32 x 3/16	*	*	*	1/2 doz.

*Indicates Cuts Available.

Similar to Regular Flat Files but taper in thickness only. Double cut. One edge safe or uncut. Same coarseness as Flat Files of corresponding lengths.

KNIFE FILES



Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
4	1 1/32 x 7/64	*	*	*	1 doz.
6	2 1/32 x 5/32	*	*	*	1 doz.
8	2 7/32 x 3/16	*	*	*	1 doz.
10	1 1/2 x 1/4	*	*	*	1 doz.

*Indicates Cuts Available.

Knife Files are of knife blade section and used principally by tool and die makers on work having acute angles. All double cut on sides and single cut on sharp edge. Knife Files are regularly supplied with safe backs, but can be purchased with cut backs at regular prices if so specified on customer's order.

MASTER-CUT FILES



MASTER-CUT FLAT

Length Inches	Approx. Size Inches	Number in Box
8	2 5/32 x 7/32	1 doz.
10	3 1/32 x 1/4	1/2 doz.
12	1 5/32 x 7/32	1/2 doz.
14	1 11/32 x 3/16	1/2 doz.

MASTER-CUT HALF-ROUND



Length Inches	Approx. Width Inches	Number in Box
8	3/4 x 7/32	1 doz.
10	1 1/16 x 9/32	1/2 doz.
12	1 1/8 x 1 1/32	1/2 doz.
14	1 5/32 x 1 1/32	1/2 doz.

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MASTER-CUT SQUARE



Length Inches	Approx. Width Inches	Number in Box
8	$\frac{5}{16}$	1 doz.
10	$\frac{3}{8}$	1 doz.
12	$\frac{1}{2}$	$\frac{1}{2}$ doz.
14	$\frac{3}{8}$	$\frac{1}{2}$ doz.

An all purpose machinist's file. Removes stock rapidly leaving a smooth finish. Thus, extra filing is saved. Used on metals from brass to stainless steel.

PILLAR FILES



Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
6	$\frac{7}{16} \times \frac{7}{32}$	*	*	*	1 doz.
8	$\frac{9}{16} \times \frac{9}{32}$	*	*	*	1 doz.
10	$2\frac{1}{32} \times 1\frac{1}{32}$	*	*	*	1 doz.
12	$2\frac{3}{32} \times 1\frac{3}{32}$	*	—	—	$\frac{1}{2}$ doz.
14	$2\frac{9}{32} \times 1\frac{5}{32}$	*	—	—	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

For filing slots and keyways. Narrower than Hand Files but alike in general shape. Pillar Files have a rectangular cross section.

ROUND FILES



Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
4	$\frac{5}{32}$	*	*	*	1 doz.
6	$\frac{1}{4}$	*	*	*	1 doz.
7	$1\frac{7}{64}$	*	—	—	1 doz.
8	$\frac{3}{16}$	*	*	*	1 doz.
10	$\frac{3}{8}$	*	*	*	1 doz.
12	$\frac{1}{2}$	*	*	*	$\frac{1}{2}$ doz.
14	$\frac{3}{4}$	*	*	*	$\frac{1}{2}$ doz.
16	$\frac{3}{4}$	*	—	—	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

To file circular openings or concave surfaces. Bastard cut files 6" and longer are double cut. Second cut files 12" and longer, double cut. All others are single cut. Taper slightly towards point.

SQUARE FILES



Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
4	$\frac{5}{32}$	*	*	*	1 doz.
6	$\frac{1}{4}$	*	*	*	1 doz.
8	$\frac{3}{16}$	*	*	*	1 doz.
10	$\frac{3}{8}$	*	*	*	1 doz.
12	$\frac{1}{2}$	*	*	*	$\frac{1}{2}$ doz.
14	$\frac{3}{8}$	*	*	*	$\frac{1}{2}$ doz.
16	$\frac{3}{4}$	*	—	—	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

For filing slots, keyways and general surface filing. Larger sizes frequently preferred to corresponding Flat Files because of heavier section and four filing surfaces. Tapered slightly towards point. Double Cut.

THREE SQUARE FILES



Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
6	$1\frac{1}{32}$	*	*	*	1 doz.
8	$\frac{3}{8}$	*	*	*	1 doz.
10	$\frac{3}{4}$	*	*	*	1 doz.
12	$2\frac{7}{32}$	*	—	—	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

Three Square Files are triangular in cross section, like Tapers, but are double cut and have fairly sharp corners that are slightly set and cut. These files are for general use by machinists for filing internal angles more acute than the right angle, for clearing out square corners and filing taps and cutters. Grading of cuts according to coarseness is same as Square File.

WARDING FILES



Length Inches	Approx. Size Inches	Bastard Cut	Second Cut	Smooth Cut	No. In Box
4	$1\frac{1}{32} \times \frac{3}{64}$	*	*	*	1 doz.
6	$\frac{5}{8} \times \frac{3}{64}$	*	*	*	1 doz.
8	$2\frac{3}{32} \times \frac{3}{32}$	*	*	*	1 doz.
10	$1\frac{1}{16} \times \frac{1}{8}$	*	*	*	1 doz.
12	$1\frac{3}{64} \times \frac{3}{64}$	*	—	—	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

Warding Files are rectangular in section and used principally by locksmiths in repairing or filing ward notches in keys. Also suited for use in narrow spaces where other files will not fit. All double cut on sides, single cut on edges.

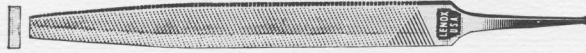
AMERICAN SAW & MFG. COMPANY
SPRINGFIELD 1, MASSACHUSETTS, U. S. A.

LENOX
THE TOOLS IN THE PLAID BOX

LENOX AMERICAN PATTERN FILES

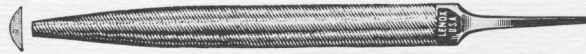
SPECIAL PURPOSE FILES

ALUMINUM FILES — TYPE "A" FLAT



Length Inches	Approx. Size Inches	Number in Box
6	$\frac{3}{8} \times \frac{1}{32}$	1 doz.
8	$\frac{25}{32} \times \frac{7}{32}$	1 doz.
10	$\frac{31}{32} \times \frac{1}{4}$	$\frac{1}{2}$ doz.
12	$1 \frac{1}{32} \times \frac{1}{32}$	$\frac{1}{2}$ doz.

ALUMINUM FILES — TYPE "A" HALF ROUND



Length Inches	Approx. Size Inches	Number in Box
6	$1 \frac{1}{32} \times \frac{5}{32}$	1 doz.
8	$\frac{3}{4} \times \frac{7}{32}$	1 doz.
10	$1 \frac{1}{16} \times \frac{9}{32}$	$\frac{1}{2}$ doz.
12	$1 \frac{1}{8} \times 1 \frac{1}{32}$	$\frac{1}{2}$ doz.

A special tooth construction which helps to eliminate clogging. Use a shearing cut toward the left for a smooth finish. Double cut. The same number of teeth per inch for all sizes made in flat and half round shapes.

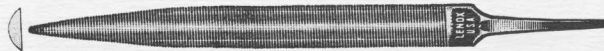
AUGER BIT FILES



Length Inches	Approx. Size Inches	Number in Box
7	$1 \frac{1}{32} \times \frac{1}{16}$	1 doz.

Used to restore original sharpness to bit cutting edges. One end has safe edges, and the other end has safe sides.

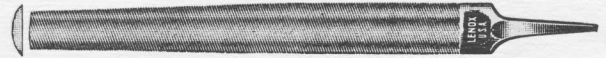
BRASS FILE — HALF ROUND



Length Inches	Approx. Size Inches	Number in Box
8	$\frac{23}{32} \times \frac{3}{16}$	1 doz.
10	$1 \frac{1}{16} \times \frac{9}{32}$	$\frac{1}{2}$ doz.
12	$1 \frac{1}{8} \times 1 \frac{1}{32}$	$\frac{1}{2}$ doz.

Designed to cut rapidly and to eliminate the tendency to clog. Used on softer materials that are malleable, ductile and tough. Use very little pressure.

CABINET FILES



Length Inches	Approx. Size Inches	Number in Box	Approx. Weight Per Doz.
8	$\frac{7}{8} \times \frac{3}{16}$	1 doz.	2 lbs., 13 oz.
10	$1 \frac{1}{8} \times \frac{7}{32}$	$\frac{1}{2}$ doz.	5 lbs., 7 oz.
12	$1 \frac{3}{16} \times \frac{1}{4}$	$\frac{1}{2}$ doz.	9 lbs., 1 oz.

Used by cabinetmakers and woodworkers. Half round in shape, but the radius is larger than the regular Half Round and they are thinner. The teeth are finer than on Wood Files.

DOCTOR BLADE FILES

For filing Doctor Blades in cloth printing industry. Parallel in width and thickness.

Length Inches	Approx. Size Inches	Coarse Cut	Smooth Cut	Number in Box
14	$1 \frac{1}{16} \times \frac{9}{32}$	*	*	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

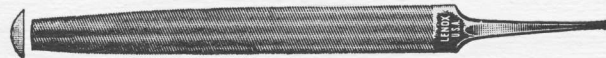
FOUNDRY FILES — FLAT



Length Inches	Approx. Size Inches	Bastard Cut	Number in Box
8	$\frac{23}{32} \times \frac{7}{32}$	*	1 doz.
10	$\frac{31}{32} \times \frac{1}{4}$	*	$\frac{1}{2}$ doz.
12	$1 \frac{5}{32} \times \frac{9}{32}$	*	$\frac{1}{2}$ doz.
14	$1 \frac{11}{32} \times \frac{5}{16}$	*	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

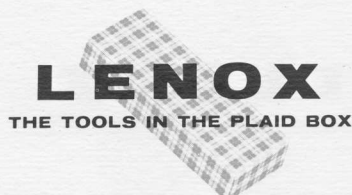
FOUNDRY FILES — HALF ROUND



Length Inches	Approx. Size Inches	Bastard Cut	Number in Box
8	$\frac{3}{4} \times \frac{7}{32}$	*	1 doz.
10	$1 \frac{1}{16} \times \frac{9}{32}$	*	$\frac{1}{2}$ doz.
12	$1 \frac{1}{8} \times 1 \frac{1}{32}$	*	$\frac{1}{2}$ doz.
14	$1 \frac{9}{32} \times 1 \frac{13}{32}$	*	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

Used for rough filing and removal of hard projections from castings. Extra strong rugged teeth to offset severe usage.



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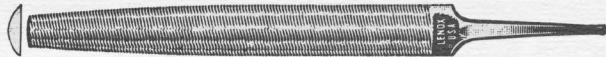
LENOX AMERICAN PATTERN FILES

LEAD FLOAT FILES — FLAT



Length Inches	Approx. Size Inches	Number in Box
8	$2\frac{3}{32} \times \frac{7}{32}$	1 doz.
10	$3\frac{1}{32} \times \frac{1}{4}$	$\frac{1}{2}$ doz.
12	$1\frac{3}{32} \times \frac{9}{32}$	$\frac{1}{2}$ doz.

LEAD FLOAT FILES — HALF ROUND



Length Inches	Approx. Size Inches	Number in Box
8	$\frac{3}{4} \times \frac{7}{32}$	1 doz.
10	$1\frac{1}{16} \times \frac{9}{32}$	$\frac{1}{2}$ doz.
12	$1\frac{1}{8} \times 1\frac{1}{32}$	$\frac{1}{2}$ doz.

Used on lead, babbitt and soft metals. Very coarse cut — teeth of flat sides have 15° angle, backs of Half Round have 5° angle. Made in Rectangular and Half Round sections — taper slightly in width and thickness.

LONG ANGLE LATHE FILES



Length Inches	Approx. Size Inches	Bastard Cut	Number in Box
10	$3\frac{1}{32} \times \frac{1}{4}$	*	$\frac{1}{2}$ doz.
12	$1\frac{5}{32} \times \frac{9}{32}$	*	$\frac{1}{2}$ doz.
14	$1\frac{11}{32} \times \frac{3}{16}$	*	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

Designed for rapid, free cutting lathe filing. Cut fast and leave a smooth finish. All single cut and edges are safe.

WOOD FILES — FLAT



Length Inches	Approx. Size Inches	Number in Box
8	$2\frac{3}{32} \times \frac{7}{32}$	1 doz.
10	$3\frac{1}{32} \times \frac{1}{4}$	$\frac{1}{2}$ doz.
12	$1\frac{5}{32} \times \frac{9}{32}$	$\frac{1}{2}$ doz.
14	$1\frac{11}{32} \times \frac{3}{16}$	$\frac{1}{2}$ doz.

WOOD FILES — HALF ROUND



Length Inches	Approx. Size Inches	Number in Box
8	$\frac{3}{4} \times \frac{7}{32}$	1 doz.
10	$1\frac{1}{16} \times \frac{9}{32}$	$\frac{1}{2}$ doz.
12	$1\frac{1}{8} \times 1\frac{1}{32}$	$\frac{1}{2}$ doz.
14	$1\frac{3}{32} \times 1\frac{1}{32}$	$\frac{1}{2}$ doz.

WOOD FILES — FLAT & HALF ROUND

Wood Files are made in the same sections and sizes as Flat and Half Round Files. However, they have especially coarse teeth, fitting them for use on wood.

ALL PURPOSE AND SPECIAL FILES

HANDY FILE



Length Inches	Approx. Size Inches	Number in Box
8	$3\frac{1}{32} \times 1\frac{1}{64}$	12

Double cut on one side for rapid removal of metal, single cut on other side for sharpening and smoothing. One edge cut — other safe.

PLANER KNIFE FILES



Length Inches	Approx. Size Inches	Number in Box
8	$2\frac{3}{32} \times \frac{9}{64}$	1 doz.
10	$3\frac{1}{32} \times 1\frac{1}{64}$	1 doz.

For sharpening planer knives. One-half of each side is single cut; and one-half is double cut. Safe edges.

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LENOX AMERICAN PATTERN FILES

ROTARY MOWER FILE



Length Inches	Approx. Size Inches	Number in Box
10	$\frac{3}{4} \times \frac{1}{4}$	12

For sharpening Rotary mower blades. Smooths nicks and sharpens blades to knife-like edge. Seal packed on card.

SHEAR TOOTH FILES — FLAT



Length Inches	Approx. Size Inches	Number in Box
6	$\frac{5}{8} \times \frac{5}{32}$	1 doz.
8	$2\frac{5}{32} \times \frac{7}{32}$	1 doz.
10	$3\frac{1}{32} \times \frac{1}{4}$	$\frac{1}{2}$ doz.
12	$1 \frac{5}{32} \times \frac{9}{32}$	$\frac{1}{2}$ doz.
14	$1\frac{11}{32} \times \frac{5}{16}$	$\frac{1}{2}$ doz.

SHEAR TOOTH FILES — HALF ROUND

Length Inches	Approx. Size Inches	Number in Box
6	$1\frac{1}{32} \times \frac{5}{32}$	1 doz.
8	$\frac{3}{4} \times \frac{7}{32}$	1 doz.
10	$1\frac{5}{16} \times \frac{9}{32}$	$\frac{1}{2}$ doz.
12	$1 \frac{1}{8} \times 1\frac{1}{32}$	$\frac{1}{2}$ doz.
14	$1 \frac{9}{32} \times 1\frac{3}{32}$	$\frac{1}{2}$ doz.

Shear Tooth Files are single cut and designed for aluminum, copper, brass and similar metals. They remove metal rapidly, although not as quickly as a Brass File. Since they are single cut, however, they leave a smoother finish. Made in Flat and Half Round shapes. One cut only.

STAINLESS STEEL FILES

Designed to resist the wearing of tough steels. To order, specify type, size and cut and add "for stainless steel." Available in all types and sizes.



SUPER-CUT FILES



Length Inches	Approx. Size Inches	Number of Teeth Per Inch			Number in Box
		Std.	Fine	Smooth	
8	$1\frac{1}{16} \times 1\frac{1}{64}$	14	16	18	1 doz.
10	$1 \times \frac{7}{32}$	12	14	18	$\frac{1}{2}$ doz.
12	$1 \frac{5}{32} \times 1\frac{1}{64}$	10	14	16	$\frac{1}{2}$ doz.
14	$1\frac{11}{32} \times \frac{5}{16}$	8	12	15	$\frac{1}{2}$ doz.

A curved tooth file that smooths as it removes. Use on soft metals that tend to clog. Fast cuts and smooth finish.

TESTING FILES — MILL



Length Inches	Approx. Size Inches	Bastard Cut	Number in Box
8	$2\frac{5}{32} \times \frac{9}{64}$	*	1 doz.
10	$3\frac{1}{32} \times 1\frac{1}{64}$	*	1 doz.
12	$1 \frac{5}{32} \times \frac{7}{32}$	*	1 doz.

*Indicates Cuts Available.

These files are tested to bite steel of C-16 Rockwell hardness. They are not made for filing stock, but for *testing only*. Customer should state preference for oil or dry finish, either of which is available.

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LENOX AMERICAN PATTERN RASPS

CABINET RASPS



Length Inches	Approx. Size Inches	Second Cut	Smooth Cut	No. In Box
6	1 1/16 x 3/16	*	—	1 doz.
8	2 3/32 x 1/4	*	*	1 doz.
10	1 1/8 x 9/32	*	*	1/2 doz.
12	1 11/32 x 11/32	*	*	1/2 doz.
14	1 9/16 x 3/8	*	—	1/2 doz.

*Indicates Cuts Available.

Used by cabinetmakers and woodworkers. The curved side of these rasps is similar to that of Half Round Rasps but has a larger radius. Single cut on edges.

HORSE RASPS — PLAIN FILE



REGULAR

Length Inches	Approx. Size Inches	Number in Box
12	1 5/16 x 11/32	1/2 doz.
14	1 1/2 x 3/8	1/2 doz.
16	1 23/32 x 7/16	1/2 doz.

SLIM

Length Inches	Approx. Size Inches	Number in Box
16	1 1/2 x 13/32	1/2 doz.
18	1 1/16 x 13/32	1/2 doz.

Horse Rasps are made in two different types — Plain and Tanged. Plain Horse Rasps are double ended. They have Rasp Teeth on one side and File Teeth on the other. Made in Regular and Slim Patterns. Single cut on edges.

HORSE RASPS — TANGED



REGULAR

Length Inches	Approx. Size Inches	Number in Box
14	1 3/4 x 7/16	1/2 doz.
16	1 7/8 x 13/32	1/2 doz.

THIN

Length Inches	Approx. Size Inches	Number in Box
14	1 3/4 x 11/32	1/2 doz.

Tanged Horse Rasps are the same as Plain Horse Rasps in tooth construction. They have the Rasp Teeth on one side and File Teeth on the other. Made in Regular and Thin Patterns. Single cut on edges.

HORSE RASPS — TANGED — PLATERS SPECIAL



PLATERS SPECIAL EXTRA THIN

Length Inches	Approx. Size Inches	Number in Box
14	1 11/16 x 5/16	1/2 doz.

PLATERS SPECIAL DOUBLE EXTRA THIN

Length Inches	Approx. Size Inches	Number in Box
14	1 11/16 x 9/32	1/2 doz.

Platers Special Horse Rasps have rasp teeth on one side with file teeth on opposite side. Both sides are safe 7/8" at point. Rasp cut is six teeth per row. (All other Horse Rasps have five teeth per row). Primarily for race track horses or others using light shoes, Platers Special Horse Rasps are sharper than regular Horse Rasps.

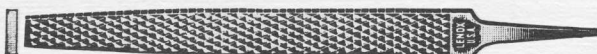
SHOE RASP (4-in-Hand)



Length Inches	Approx. Size Inches	Number in Box
8	7/8 x 9/32	1/2 doz.
9	31/32 x 5/16	1/2 doz.
10	1 1/16 x 11/32	1/2 doz.

This versatile tool is really four files in one — with a file section and a rasp section on the flat side; and a file section and a rasp section on the half round side.

WOOD RASPS — FLAT



Length Inches	Approx. Size Inches	Bastard Cut	Number in Box
8	2 3/32 x 9/32	*	1 doz.
10	3 1/32 x 1 1/32	*	1/2 doz.
12	1 5/32 x 13/32	*	1/2 doz.
14	1 11/32 x 15/32	*	1/2 doz.

Wood Rasps are used by woodworkers, wheelwrights and plumbers. The coarseness of teeth is the same on Flat and Half Round Wood Rasps of the same size. Single cut on edges.

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SPRINGFIELD 1, MASSACHUSETTS, U. S. A.

LENOX AMERICAN PATTERN RASPS

WOOD RASPS — HALF ROUND



Length Inches	Approx. Size Inches	Bastard Cut	Smooth Cut	Number In Box
6	1 $\frac{1}{32}$ x $\frac{1}{4}$	*	—	1 doz.
8	2 $\frac{1}{32}$ x $\frac{5}{16}$	*	*	1 doz.
10	3 $\frac{1}{32}$ x $\frac{3}{8}$	*	*	$\frac{1}{2}$ doz.
12	1 $\frac{5}{32}$ x $\frac{7}{16}$	*	*	$\frac{1}{2}$ doz.
14	1 $\frac{11}{32}$ x $\frac{1}{2}$	*	—	$\frac{1}{2}$ doz.
16	1 $\frac{1}{2}$ x $\frac{3}{4}$	*	—	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

WOOD RASPS — ROUND



Length Inches	Approx. Size Inches	Bastard Cut	Number in Box
6	$\frac{1}{4}$	*	1 doz.
8	$\frac{3}{16}$	*	1 doz.
10	$\frac{3}{8}$	*	1 doz.
12	$\frac{1}{2}$	*	$\frac{1}{2}$ doz.
14	$\frac{5}{8}$	*	$\frac{1}{2}$ doz.

*Indicates Cuts Available.

Round Wood Rasps are used for the same purposes as Regular Wood Rasps in places for which their shapes make them particularly effective. Made from steel of the same size as Round Files.

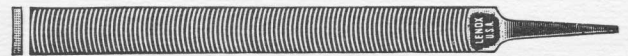
LENOX CURVED TOOTH FILES

FLEXIBLE FILES (Without Tang)



Length Inches	Approx. Size Inches	Number of Teeth Per Inch			Number in Box
		Std.	Fine	Smooth	
8	2 $\frac{1}{32}$ x $\frac{5}{32}$	14	16	—	1 doz.
10	1 x $\frac{3}{32}$	12	14	—	$\frac{1}{2}$ doz.
12	1 $\frac{1}{32}$ x $\frac{3}{16}$	10	14	16	$\frac{1}{2}$ doz.
14	1 $\frac{11}{32}$ x $\frac{3}{16}$	8	12	15	$\frac{1}{2}$ doz.

FLAT BABBITT FILES



Length Inches	Approx. Size Inches	Number of Teeth Per Inch	Number in Box
8	1 $\frac{3}{16}$ x 1 $\frac{1}{4}$	10	1 doz.
10	1 x $\frac{7}{32}$	10	$\frac{1}{2}$ doz.
12	1 $\frac{1}{32}$ x 1 $\frac{1}{4}$	8	$\frac{1}{2}$ doz.
14	1 $\frac{11}{32}$ x $\frac{5}{16}$	7	$\frac{1}{2}$ doz.

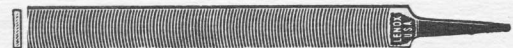
Exactly like Flat Files in shape, dimension, weight, but fewer teeth per inch.

FLAT FILES — RIGID TYPE (With Tang)



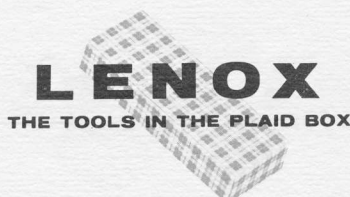
Length Inches	Approx. Size Inches	Number of Teeth Per Inch			Number in Box
		Std.	Fine	Smooth	
8	1 $\frac{3}{16}$ x 1 $\frac{1}{4}$	14	16	18	1 doz.
10	1 x $\frac{7}{32}$	12	14	18	$\frac{1}{2}$ doz.
12	1 $\frac{1}{32}$ x 1 $\frac{1}{4}$	10	14	16	$\frac{1}{2}$ doz.
14	1 $\frac{11}{32}$ x $\frac{3}{16}$	8	12	15	$\frac{1}{2}$ doz.

FLAT UTILITY FILES



Length Inches	Approx. Size Inches	Number of Teeth Per Inch		Number in Box
		Standard Side	Smooth Side	
8	1 $\frac{3}{16}$ x 1 $\frac{1}{4}$	14	18	1 doz.
10	1 x $\frac{7}{32}$	12	18	$\frac{1}{2}$ doz.
12	1 $\frac{1}{32}$ x 1 $\frac{1}{4}$	10	16	$\frac{1}{2}$ doz.
14	1 $\frac{11}{32}$ x $\frac{3}{16}$	8	15	$\frac{1}{2}$ doz.

Like Flat Files in general appearance. Standard cut teeth on one side. Smooth cut teeth on other.



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LENOX CURVED TOOTH FILES

HALF ROUND FILES



Length Inches	Approx. Size Inches	Number of Teeth Per Inch		Number in Box
		Standard	Fine	
8	$2\frac{3}{32} \times \frac{1}{4}$	14	16	1 doz.
10	$1\frac{1}{16} \times \frac{3}{16}$	12	14	$\frac{1}{2}$ doz.
12	$1 \frac{1}{8} \times \frac{3}{8}$	10	14	$\frac{1}{2}$ doz.
14	$1 \frac{1}{32} \times 2\frac{3}{4}$	9	12	$\frac{1}{2}$ doz.

Flat on one side. Convex on other. Particularly adapted for bearings and concave surfaces.

PILLAR FILES



Length Inches	Approx. Size Inches	Number of Teeth Per Inch Standard	Number in Box
8	$1\frac{7}{32} \times \frac{1}{4}$	18	1 doz.
10	$2\frac{1}{32} \times 1\frac{9}{64}$	16	1 doz.
12	$2\frac{5}{32} \times 2\frac{3}{64}$	14	$\frac{1}{2}$ doz.

Made in Standard Only.

Useful in sharp corners and narrow slots. Cut on sides only. Safe edges.

SQUARE FILES



Length Inches	Approx. Size Inches	Number of Teeth Per Inch Standard	Number in Box
8	$1\frac{7}{64}$	18	1 doz.
10	$1\frac{1}{32}$	16	1 doz.
12	$1\frac{1}{32}$	14	$\frac{1}{2}$ doz.

Made in Standard Only.

Cut on all four sides and useful for working in holes, narrow corners and keyways.

HALF ROUND SHELL FILES — RIGID TYPE FILES (Without Tang)



Length Inches	Radius R Inches	Approx. Size Inches	Number of Teeth Per Inch		Number in Box
			Standard	Fine	
8	$\frac{9}{16}$	$\frac{7}{8} \times \frac{1}{8}$	14	—	1 doz.
10	$2\frac{3}{32}$	$1 \frac{1}{8} \times \frac{1}{8}$	12	—	1 doz.
12	$\frac{7}{8}$	$1 \frac{1}{4} \times \frac{1}{8}$	10	—	$\frac{1}{2}$ doz.
14	$1 \frac{1}{16}$	$1\frac{15}{32} \times \frac{1}{8}$	8	12	$\frac{1}{2}$ doz.

Length Inches	A Inches	B Inches
8	$\frac{9}{16}$	$\frac{7}{16}$
10	$2\frac{3}{32}$	$1\frac{9}{32}$
12	$\frac{7}{8}$	$\frac{3}{4}$
14	$1 \frac{1}{16}$	$1\frac{5}{16}$

A = RADIUS—SHELL FILES

B = RADIUS—MOULDING FILES



With teeth on convex side only. Shell Files are designed for use in concave surfaces. Files have hole in each end for fastening to holder. Rigid construction.

HALF ROUND MOULDING FILES — Rigid Type (Without Tang)



Length Inches	Radius R Inches	Approx. Size Inches	Number of Teeth Per Inch Standard	Number in Box
8	$\frac{7}{16}$	$\frac{7}{8} \times \frac{1}{8}$	14	1 doz.
10	$\frac{9}{32}$	$1 \frac{1}{8} \times \frac{1}{8}$	12	1 doz.
12	$\frac{3}{4}$	$1 \frac{1}{4} \times \frac{1}{8}$	10	$\frac{1}{2}$ doz.
14	$1\frac{5}{16}$	$1\frac{15}{32} \times \frac{1}{8}$	8	$\frac{1}{2}$ doz.

Made in Standard Only.

Moulding Files have teeth on inside or concave surface only. Used on convex surfaces. Rigid construction.

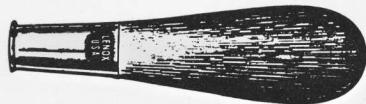
For information on how the radius is measured, see diagram above.

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LENOX
THE TOOLS IN THE PLAID BOX

LENOX FILE HANDLES, CARDS AND BRUSHES

METAL FERRULED HANDLES



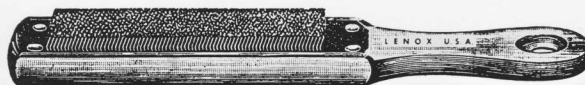
These handles have very strong metal ferrules. Made from seasoned white birch with nickel plated steel ferrules — shellac finish.

No.	Approx. Size Inches	Number in Box
0	5¼ x 1½	1 doz.
1	4⅞ x 1⅜	1 doz.
2	4½ x 1⅜	1 doz.
3	4⅛ x 1⅜	1 doz.
4	3¾ x 1⅜	1 doz.

SIZES OF HANDLES RECOMMENDED FOR SOME OF MORE COMMON FILES

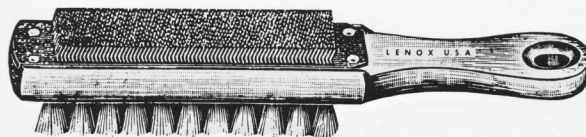
	6"	7"	8"	10"	12"	14"	16"
Flat, Half Round, Hand	3	—	2	1	1	0	0
Square, Round	15*	—	3	2	1	1	0
Three Square	3	—	2	2	1	—	—
Pillar	3	—	2	1	1	—	—
Warding, Knife	4	—	3	1	—	—	—
Mill	4	3	3	2	1	—	—
Slim Taper	4	3	3	2	2	—	—
Extra Slim Taper	14*	4	3	—	—	—	—
Double Extra Slim Taper	13*	4	4	—	—	—	—

FILE CARD



Packed 12 to a Box

FILE BRUSH

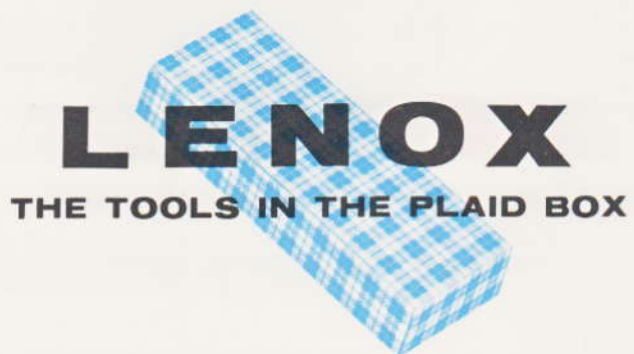


Packed 6 to a Box

File card for general cleaning of file teeth and file brush for use on finer cut files. Each type 10" in length.



AMERICAN SAW & MFG. COMPANY
SPRINGFIELD 1, MASSACHUSETTS, U. S. A.



THE TOOLS IN THE PLAID BOX

AMERICAN SAW & MFG. COMPANY

SPRINGFIELD • MASSACHUSETTS • U.S.A.

CONSUMER NET PRICES LENOX

EFFECTIVE DATE:
MAY 16, 1960

FILES

FORM NO.

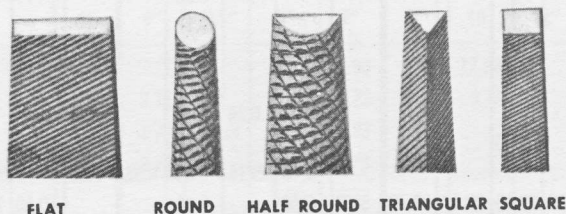
501C

AMERICAN PATTERN | GRADE A AND CURVED TOOTH FILES

LENOX

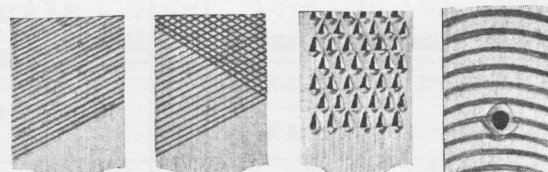
HOW TO ORDER LENOX FILES

SPECIFY LENGTH — File length is measured from heel to point with tang excluded from measurement. As length increases, both overall dimensions and coarseness increase. There are specific lengths to fit every file application.



FLAT ROUND HALF ROUND TRIANGULAR SQUARE

SPECIFY SHAPE — File shapes are fashioned from five basic forms — rectangular, round, half-round, triangular, and square. With the exception of the blunt type, which maintains the same width throughout, LENOX files taper slightly toward the point. There are special files for sharpening saws, shaped specifically to preserve the original tooth and gullet design.



SINGLE CUT DOUBLE CUT RASP CURVED

SPECIFY TOOTH STRUCTURE AND COARSENESS

— a. Four styles of tooth structure are offered in LENOX files — single-cut (1), double-cut (2), rasp (3), and curved (4). The single-cut file has rows of teeth diagonally cut in one direction; the double-cut file, diagonally cut rows of teeth crossing each other. Regular flat, round, half-round, square, and other machine-shop files are double-cut. Mill, taper, and saw-sharpening files are generally single-cut. b. File coarseness is determined by three factors: number and spacing of teeth to the inch; single or double rows of teeth; and file size. Both single and double-cut files come in three degrees of coarseness: bastard (coarse); second-cut (medium); and smooth (fine).

- STANDARD PACKAGE QUANTITIES—
10" files and smaller, one dozen
12" files and larger, one-half dozen

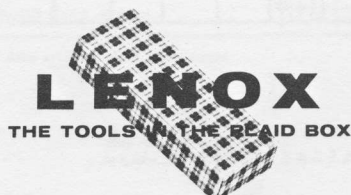
TERMS

- A charge of 10% will be assessed on purchases for amounts below standard package.
- A quantity discount of 10% will be given:—
on American Pattern orders for 5 dozen or more,
same kind or mixed, in any one order.—on

Curved Tooth orders for 3 dozen or more, same kind or mixed, in any one order.

NOTE: In tables that follow, quantity discounts have been figured and prices include 10% discount on orders 5 dozen or over in American Pattern Files and 3 dozen or over on Curved Tooth files.

- Discounts, net prices, terms, and conditions subject to change without notice.



AMERICAN SAW & MFG. COMPANY
SPRINGFIELD, MASSACHUSETTS, U.S.A.

LENOX

CONSUMER NET PRICES

AMERICAN PATTERN FILES GRADE A



CONSUMER NET PRICES PER DOZEN

TYPES	ORDERS UNDER 5 DOZEN*											ORDERS 5 DOZEN OR OVER										
	12 PER BOX						6 PER BOX					12 PER BOX						6 PER BOX				
	4"	6"	7"	8"	9"	10"	10"	12"	14"	16"	18"	4"	6"	7"	8"	9"	10"	10"	12"	14"	16"	18"
Aluminum Type A Flat	....	8.93	....	11.73	....	....	14.13	18.27	....	....	....	....	8.04	....	10.56	....	....	12.72	16.44	....	....	....
Aluminum Type A Half Round	....	17.60	....	20.00	....	....	22.53	26.53	....	....	....	....	15.84	....	18.00	....	....	20.28	23.88	....	....	....
Auger Bit	....	....	6.67	....	....	....	....	....	....	....	....	....	....	6.00	....	....	....	....	....	....	....	....
Bandsaw, Blunt Regular	....	7.60	....	10.80	....	....	....	....	....	....	....	....	6.84	....	9.72	....	....	....	....	....	....	....
Bandsaw Blunt Slim	....	6.27	....	8.53	....	....	....	....	....	....	....	....	5.64	....	7.68	....	....	....	....	....	....	....
Bandsaw Taper 6	....	7.60	....	....	....	....	....	....	....	....	....	....	6.84	....	....	....	....	....	....	....	....	....
Bandsaw Taper Slim 6S	....	6.27	....	....	....	....	....	....	....	....	....	....	5.64	....	....	....	....	....	....	....	....	....
Bandsaw Taper 7	....	....	8.93	....	....	....	....	....	....	....	....	....	....	8.04	....	....	....	....	....	....	....	....
Bandsaw Taper Slim 7S	....	....	7.33	....	....	....	....	....	....	....	....	....	....	6.60	....	....	....	....	....	....	....	....
Brass, Half Round	....	....	....	20.00	....	....	22.53	26.53	....	....	....	....	....	....	18.00	....	....	20.28	23.88	....	....	....
Cantsaw, Also with Safeback	....	8.93	10.13	10.53	....	14.40	....	....	....	....	....	....	8.04	9.12	9.48	....	12.96	....	....	....	....	....
Chainsaw Round 3/16"	....	....	....	8.93	....	....	....	....	....	....	....	....	....	....	8.04	....	....	....	....	....	....	....
Chainsaw Round 7/32"	....	....	....	8.93	....	....	....	....	....	....	....	....	....	....	8.04	....	....	....	....	....	....	....
Chainsaw Round 1/4"	....	....	....	8.93	....	....	....	....	....	....	....	....	....	....	8.04	....	....	....	....	....	....	....
Chainsaw Round 5/16"	....	....	....	9.47	....	....	....	....	....	....	....	....	....	....	8.52	....	....	....	....	....	....	....
Chainsaw Round 3/8"	....	....	....	10.13	....	....	....	....	....	....	....	....	....	....	9.12	....	....	....	....	....	....	....
Chainsaw Round 9/32"	....	....	....	9.20	....	....	....	....	....	....	....	....	....	....	8.28	....	....	....	....	....	....	....
Crosscut, Great American	....	10.13	....	12.40	....	15.20	....	....	....	....	....	....	9.12	....	11.16	....	13.68	....	....	....	....	....
Crosscut, Special	....	6.27	6.93	7.73	....	10.80	....	....	....	....	....	....	5.64	6.24	6.96	....	9.72	....	....	....	....	....
Doctor Coarse or Smooth	....	....	....	....	....	....	....	34.93	....	....	....	....	....	....	....	....	....	....	31.44	....	....	....
Double Ender	....	5.73	5.73	6.27	7.07	7.87	....	....	....	....	....	....	5.16	5.16	5.64	6.36	7.08	....	....	....	....	....
FLAT BASTARD	6.27	7.33	....	8.93	....	....	11.73	16.13	22.13	29.47	39.73	5.64	6.60	....	8.04	....	....	10.56	14.52	19.92	26.52	35.76
Flat Second Cut	7.33	8.00	....	10.13	....	....	13.47	18.27	25.47	33.47	....	6.60	7.20	....	9.12	....	....	12.12	16.44	22.92	30.12	....
Flat Smooth	7.87	8.93	....	11.07	....	....	14.53	20.13	27.87	36.93	....	7.08	8.04	....	9.96	....	....	13.08	18.12	25.08	33.24	....
Foundry Flat	....	....	....	8.93	....	....	11.73	16.13	22.13	....	....	....	....	....	8.04	....	....	10.56	14.52	19.92	....	....
Foundry Half Round	....	....	....	12.40	....	....	15.20	19.60	25.73	....	....	....	....	....	11.16	....	....	13.68	17.64	23.16	....	....
HALF ROUND BASTARD	8.00	10.13	....	12.40	....	....	15.20	19.60	25.73	34.13	....	7.20	9.12	....	11.16	....	....	13.68	17.64	23.16	30.72	....
Half Round Second Cut	9.33	11.33	....	13.87	....	....	16.80	21.73	28.27	....	....	8.40	10.20	....	12.48	....	....	15.12	19.56	25.44	....	....
Half Round Smooth	10.13	11.87	....	14.80	....	....	17.87	23.20	30.40	40.13	....	9.12	10.68	....	13.32	....	....	16.08	20.88	27.36	36.12	....
Hand Bastard	....	7.33	....	8.93	....	....	12.40	17.87	24.93	....	....	....	6.60	....	8.04	....	....	11.16	16.08	22.44	....	....
Hand Second Cut	....	8.53	....	10.53	....	....	14.53	20.40	28.87	....	....	....	7.68	....	9.48	....	....	13.08	18.36	25.44	....	....
Hand Smooth	....	9.33	....	11.20	....	....	15.60	22.53	30.27	....	....	....	8.40	....	10.08	....	....	14.04	20.28	27.24	....	....
Knife Bastard	8.93	11.47	....	14.13	....	16.80	....	....	....	....	....	8.04	10.32	....	12.72	....	15.12	....	....	....	....	....
Knife Second Cut	10.13	12.40	....	15.20	....	19.20	....	....	....	....	....	9.12	11.16	....	13.68	....	17.28	....	....	....	....	....
Knife Smooth	10.53	13.20	....	15.87	....	20.40	....	....	....	....	....	9.48	11.88	....	14.28	....	18.36	....	....	....	....	....
Lead Float, Flat	....	....	....	10.53	....	....	14.27	19.60	....	....	....	....	....	....	9.48	....	....	12.84	17.64	....	....	....
Lead Float Half Round	....	....	....	14.13	....	....	17.87	23.47	....	....	....	....	....	....	12.72	....	....	16.08	21.12	....	....	....
Long Angle Lathe	....	....	....	....	....	....	14.27	19.60	26.53	....	....	....	....	....	....	....	....	12.84	17.64	23.88	....	....
Master-Cut Flat	....	....	....	9.87	....	....	12.93	17.87	24.00	....	....	....	....	....	8.88	....	....	11.64	16.08	21.60	....	....
Master-Cut Half Round	....	....	....	13.73	....	....	16.67	21.60	28.27	....	....	....	....	....	12.36	....	....	15.00	19.44	25.44	....	....
Master-Cut Square	....	....	....	12.00	....	15.20	....	20.80	28.00	....	....	....	....	....	10.80	....	13.68	....	18.72	25.20	....	....
MILL BASTARD	4.93	5.33	6.00	6.53	....	8.53	....	12.00	16.93	23.47	....	4.44	4.80	5.40	5.88	....	7.68	....	10.80	15.24	21.12	....
Mill Second Cut	5.73	6.53	....	7.87	....	10.13	....	13.60	19.33	....	....	5.16	5.88	....	7.08	....	9.12	....	12.24	17.40	....	....
Mill Smooth	6.27	7.33	....	8.67	....	11.20	....	14.93	20.80	....	....	5.64	6.60	....	7.80	....	10.08	....	13.44	18.72	....	....
Mill Bastard I.R.E.	....	6.27	....	7.73	....	10.13	....	13.33	....	....	....	....	5.64	....	6.96	....	9.12	....	12.00	....	....	....
Mill Bastard 2 R.E.	....	7.07	....	8.67	....	11.20	....	....	....	....	....	....	6.36	....	7.80	....	10.08	....	....	....	....	....

FOR LESS THAN FULL PACKAGE ADD 10%

LENOX

CONSUMER NET PRICES

AMERICAN PATTERN FILES GRADE A

CONSUMER NET PRICES PER DOZEN

TYPES	ORDERS UNDER 5 DOZEN								ORDERS 5 DOZEN OR OVER							
	12 PER BOX				6 PER BOX				12 PER BOX				6 PER BOX			
	4"	6"	7"	8"	10"	12"	14"	16"	4"	6"	7"	8"	10"	12"	14"	16"
Pillar Bastard	....	7.33	....	8.93	12.40	17.87	24.93	....	....	6.60	....	8.04	11.16	16.08	22.44	....
Pillar Second Cut	....	8.53	....	10.53	14.53	....	....	....	....	7.68	....	9.48	13.08	....	....	....
Pillar Smooth	....	9.33	....	11.33	15.60	....	....	....	....	8.40	....	10.20	14.04	....	....	....
ROUND BASTARD	5.20	5.87	6.53	7.20	9.33	12.40	17.87	24.40	4.68	5.28	5.88	6.48	8.40	11.16	16.08	21.96
Round Second Cut	5.87	6.67	....	8.13	10.53	14.27	20.40	....	5.28	6.00	....	7.32	9.48	12.84	18.36	....
Round Smooth	6.53	7.60	....	8.93	11.73	15.60	21.73	....	5.88	6.84	....	8.04	10.56	14.04	19.56	....
SQUARE BASTARD	6.27	7.73	....	9.20	12.40	16.93	23.20	31.20	5.64	6.96	....	8.28	11.16	15.24	20.88	28.08
Square Second Cut	7.73	8.53	....	10.53	14.13	19.20	26.67	....	6.96	7.68	....	9.48	12.72	17.28	24.00	....
Square Smooth	8.13	9.20	....	11.73	15.20	21.33	29.07	....	7.32	8.28	....	10.56	13.68	19.20	26.16	....

TYPES	ORDERS UNDER 5 DOZEN									ORDERS 5 DOZEN OR OVER								
	12 PER BOX								6 PER BOX	12 PER BOX								6 PER BOX
	4"	5"	5½"	6"	7"	8"	10"	12"	14"	4"	5"	5½"	6"	7"	8"	10"	12"	14"
TAPERS	....	....	....	5.60	6.93	8.67	12.93	....	....	....	....	....	5.04	6.24	7.80	11.64	....	....
Taper Slim	3.47	3.73*	....	4.80*	5.73	6.93*	9.73	....	....	3.12	3.36	....	4.32	5.16	6.24	8.76	....	....
Taper Extra Slim	3.47	3.73*	4.53	4.80*	5.73	6.93*	....	....	....	3.12	3.36	4.08	4.32	5.16	6.24	....	....	....
Taper Double Extra Slim	3.47	3.73	....	4.80*	5.73	6.93*	....	....	....	3.12	3.36	....	4.32	5.16	6.24	....	....	....
Taper Double Cut	....	....	....	6.00	7.73	....	....	....	....	....	....	....	5.40	6.96	....	....	....	....
Taper Slim Double Cut	....	....	....	5.33	6.40	7.73	....	....	....	....	....	....	4.80	5.76	6.96	....	....	....
Taper Extra Slim Double Cut	....	....	....	5.33	6.40	7.73	....	....	....	....	....	....	4.80	5.76	6.96	....	....	....
Taper Double Extra Slim Double Cut	....	....	....	5.33	6.40	7.73	....	....	....	....	....	....	4.80	5.76	6.96	....	....	....
Three Square Bastard	....	....	....	10.13	....	12.40	15.20	19.60	....	....	....	....	9.12	....	11.16	13.68	17.64	....
Three Square Second Cut	....	....	....	11.33	....	13.87	16.80	....	....	....	....	....	10.20	....	12.48	15.12	....	....
Three Square Smooth	....	....	....	11.87	....	14.80	17.87	....	....	....	....	....	10.68	....	13.32	16.08	....	....
Two Way Handy	....	....	....	....	....	9.33	....	....	....	....	....	....	....	....	8.40	....	....	....
Warding Bastard	6.67	....	....	8.13	....	10.53	14.53	20.40	....	6.00	....	....	7.32	....	9.48	13.08	18.36	....
Warding Second Cut	8.00	....	....	9.87	....	12.40	16.80	....	....	7.20	....	....	8.88	....	11.16	15.12	....	....
Warding Smooth	8.93	....	....	10.53	....	13.73	18.27	....	....	8.04	....	....	9.48	....	12.36	16.44	....	....

TYPES	ORDERS UNDER 5 DOZEN										ORDERS 5 DOZEN OR OVER									
	12 PER BOX					6 PER BOX					12 PER BOX					6 PER BOX				
RASPS	6"	8"	9"	10"	8"	9"	10"	12"	14"	16"	6"	8"	9"	10"	8"	9"	10"	12"	14"	16"
Cabinet Rasps, Second Cut	17.07	21.73	....	....	....	....	29.73	38.67	50.27	....	15.36	19.56	....	....	....	....	26.76	34.80	45.24	....
Cabinet Rasp, Smooth	....	26.27	....	....	....	....	35.20	45.47	....	....	....	23.64	....	....	....	....	31.68	40.92	....	....
Shoe, Half Round, 4-in-hand	....	....	....	....	11.20	13.60	15.20	....	....	....	....	....	....	....	10.08	12.24	13.68	....	....	....
Wood Rasp, Flat Bastard	....	16.00	....	....	....	....	21.73	29.73	39.20	....	....	14.40	....	....	....	....	19.56	26.76	35.28	....
Wood Rasp, Half Round Bastard	13.87	17.07	....	....	....	....	23.20	31.87	42.13	55.73	12.48	15.36	....	....	....	....	20.88	28.68	37.92	50.16
Wood Rasp, Half Round Smooth	....	23.20	....	....	....	....	31.87	42.13	....	....	....	20.88	....	....	....	....	28.68	37.92	....	....
Wood Rasp, Round	17.07	21.87	....	29.73	....	....	....	38.67	50.27	....	15.36	19.68	....	26.76	....	....	....	34.80	45.24	....

*Also available with sharp edges

FOR LESS THAN FULL PACKAGE ADD 10%



AMERICAN SAW & MFG. COMPANY / SPRINGFIELD, MASSACHUSETTS, USA

LENOX

CONSUMER NET PRICES

CURVED TOOTH FILES



CONSUMER NET PRICES PER DOZEN

ORDERS UNDER 3 DOZEN						ORDERS 3 DOZEN OR MORE					ORDERS UNDER 3 DOZEN						ORDERS 3 DOZEN OR MORE				
TYPE	12 PER BOX		6 PER BOX			12 PER BOX		6 PER BOX			TYPE	12 PER BOX		6 PER BOX			12 PER BOX		6 PER BOX		
	8"	10"	10"	12"	14"	8"	10"	10"	12"	14"		8"	10"	10"	12"	14"	8"	10"	10"	12"	14"
	FLEXIBLE (WITHOUT TANG)											FLAT UTILITY (WITH TANG)									
Standard	29.47	36.93	....	44.40	50.27	26.52	33.24	....	39.96	45.24	Standard	32.27	....	38.53	45.20	52.67	29.04	....	34.68	40.68	47.40
Fine	35.47	43.07	....	50.40	57.87	31.92	38.76	....	45.36	52.08	Fine	....	....	....	....	....	....	....	....	....	....
Smooth	....	....	....	52.67	60.93	....	....	....	47.40	54.84	Smooth	....	....	....	....	....	....	....	....	....	....
	HALF ROUND SHELL											HALF ROUND (WITH TANG)									
Standard	32.93	38.80	....	46.27	54.13	29.64	34.92	....	41.64	48.72	Standard	32.93	....	38.80	46.27	54.13	29.64	....	34.92	41.64	48.72
Fine	....	....	....	....	59.33	....	....	....	....	53.40	Fine	37.33	....	44.00	51.20	59.33	33.60	....	39.60	46.08	53.40
Smooth	....	....	....	....	....	....	....	....	....	....	Smooth	....	....	....	....	....	....	....	....	....	....
	HALF ROUND MOULDING											PILLAR (WITH TANG)									
Standard	32.93	38.80	....	46.27	54.13	29.64	34.92	....	41.64	48.72	Standard	30.80	37.60	....	45.73	....	27.72	33.84	....	41.16	....
Fine	....	....	....	....	....	....	....	....	....	....	Fine	....	....	....	....	....	....	....	....	....	....
Smooth	....	....	....	....	....	....	....	....	....	....	Smooth	....	....	....	....	....	....	....	....	....	....
	FLAT (WITH TANG)											SQUARE (WITH TANG)									
Standard	28.13	....	34.40	41.33	48.67	25.32	....	30.96	37.20	43.80	Standard	29.47	36.00	....	43.33	....	26.52	32.40	....	39.00	....
Fine	32.53	....	39.47	46.67	54.27	29.28	....	35.52	42.00	48.84	Fine	....	....	....	....	....	....	....	....	....	....
Smooth	35.60	....	42.27	48.93	56.80	32.04	....	38.04	44.04	51.12	Smooth	....	....	....	....	....	....	....	....	....	....
	FLAT BABBITT (WITH TANG)											SUPER-CUT, FLAT									
Standard	36.13	....	42.27	50.93	55.47	32.52	....	38.04	45.84	49.92	Standard	28.13	....	34.40	41.33	48.67	25.32	....	30.96	37.20	43.80
Fine	....	....	....	....	....	....	....	....	....	....	Fine	32.53	....	39.47	46.67	54.27	29.28	....	35.52	42.00	48.84
Smooth	....	....	....	....	....	....	....	....	....	....	Smooth	35.60	....	42.27	48.93	56.80	32.04	....	38.04	44.04	51.12

IGNITION FILES

	LENGTH OVERALL	ORDERS UNDER 5 DOZEN		ORDERS 5 DOZEN OR MORE	
		Net Price Per Doz. (Boxed)	Net Price Per Doz. (Carded)	Net Price Per Doz. (Boxed)	Net Price Per Doz. (Carded)
TUNGSTEN POINT FILES	5 1/4"	2.13	2.27	1.92	2.04
VOLTAGE REGULATOR FILES	5 1/4"	NET PRICE PER DOZEN CARDED ONLY 12.24			



LENOX
FILE HANDLES

NUMBER

TO FIT

NET PRICE PER DOZEN

FILE CARD

0
1
2
3
416" TO 18"
14" TO 16"
8" TO 12"
6" TO 8"
4" TO 6"2.88
2.40
2.16
1.92
1.5610"—11.16 PER DOZEN
ONE DOZEN PER BOX

FOR LESS THAN FULL PACKAGE ADD 10%

LENOX
THE TOOLS IN THE RED BOX

AMERICAN SAW & MFG. COMPANY
SPRINGFIELD, MASSACHUSETTS, USA